

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L20	428	398/141.ccls.	USPAT	OR	OFF	2010/01/15 17:52
L21	3886	385/123-128.ccls.	USPAT	OR	OFF	2010/01/15 17:53
L22	659	398/141.ccls.	US-PGPUB; USPAT	OR	OFF	2010/01/15 17:54
L23	5614	385/123-128.ccls.	US-PGPUB; USPAT	OR	OFF	2010/01/15 17:54
L24	6247	22 or 23	US-PGPUB; USPAT	OR	OFF	2010/01/15 17:54
L25	597	24 and (leaky or leakage)	US-PGPUB; USPAT	OR	OFF	2010/01/15 17:54
L26	516	25 and refractive adj index	US-PGPUB; USPAT	OR	ON	2010/01/15 17:54
L27	219	25 and (refractive adj index with (change or variation))	US-PGPUB; USPAT	OR	ON	2010/01/15 17:55
L28	18	25 and (refractive adj index with (change or variation)) same (leaky or leakage)	US-PGPUB; USPAT	OR	ON	2010/01/15 17:55
L29	11	28 and (communication or (transmission and reception))	US-PGPUB; USPAT	OR	ON	2010/01/15 17:56
S1	1	("4466697").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/13 20:58
S2	27	((SHINICHIRO) near2 (HARUYAMA)).INV.	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:00
S3	5	((YASUO) near2 (SUGAWARA)).INV.	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:00
S4	57	((MASAO) near2 (NAKAGAWA)).INV.	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:00
S5	88	((YASUHIIRO) near2 (KOIKE)).INV.	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:00
S6	7	((TAKAAKI) near2 (ISHIGURE)).INV.	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:00
S7	59	((HIROMASA) near2 (SUZUKI)).INV.	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:00

S8	44	((AKIHIRO) near2 (SHIMURA).INV.	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:00
S9	0	S2 and S3 and S4 and S5 and S6 and S7 and S8	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:01
S10	15	leaky adj fiber	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:16
S11	155	leaky near3 fiber	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:17
S12	3	S11 and scatterers	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:17
S13	3017	scatter\$3 with light with optical near fiber	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:20
S14	1	scatter\$ers with light with optical near fiber with core	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:20
S15	6	scatter\$ers with light with optical near fiber	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:20
S16	1	"5908415".pn.	US-PGPUB; USPAT	OR	OFF	2010/01/13 21:23
S17	47	("3417745"   "4233493"   "4336809"   "4585298"   "4660925"   "4860743"   "4878492"   "5053033"   "5133709"   "5151096"   "5151097"   "5169395"   "5196005"   "5207669"   "5209748"   "5219346"   "5242438"   "5269777"   "5337381"   "5363458"   "5401270"   "5431647"   "5441497"   "Re34544").PN. OR ("5908415"),URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/13 21:24
S18	0	S17 and leaky	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/13 21:24
S19	2591	leakage with fiber	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/13 21:51
S20	161	S19 same refractive adj index	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/13 21:51

S21	32	S20 same core with high\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/13 21:51
S22	6572	398/140-172,202-214. ccds.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 13:48
S23	49	S22 and leak\$4 with fiber	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 13:48
S24	9171	modulated with data with light	US-PGPUB; USPAT	OR	OFF	2010/01/14 18:42
S25	2913	S24 and advantage	US-PGPUB; USPAT	OR	OFF	2010/01/14 18:42
S26	53	S24 same advantage	US-PGPUB; USPAT	OR	OFF	2010/01/14 18:42
S27	18	S24 with advantage	US-PGPUB; USPAT	OR	OFF	2010/01/14 18:42
S28	179	S24 same common	US-PGPUB; USPAT	OR	OFF	2010/01/14 18:45
S29	20	S28 same network	US-PGPUB; USPAT	OR	OFF	2010/01/14 18:45
S30	22	optical adj networks same S24	US-PGPUB; USPAT	OR	OFF	2010/01/14 18:46
S31	77	scatters with core	USPAT	OR	OFF	2010/01/14 20:38
S32	10	S31 and leak\$ with fiber	USPAT	OR	OFF	2010/01/14 20:38
S33	24	scatterers with core	USPAT	OR	OFF	2010/01/14 20:46
S34	0	S33 and leak\$ with fiber	USPAT	OR	OFF	2010/01/14 20:46
S35	2324	scatter\$3 with core	USPAT	OR	OFF	2010/01/14 20:46
S36	145	S35 and leak\$ with fiber	USPAT	OR	OFF	2010/01/14 20:46
S37	22	S35 same leak\$ with fiber	USPAT	OR	OFF	2010/01/14 20:46
S38	1	"5908415".pn.	USPAT	OR	OFF	2010/01/14 20:52

S39	47	("3417745"   "4233493"   "4336809"   "4585298"   "4660925"   "4860743"   "4878492"   "5053033"   "5133709"   "5151096"   "5151097"   "5169395"   "5196005"   "5207669"   "5209748"   "5219346"   "5242438"   "5269777"   "5337381"   "5363458"   "5401270"   "5431647"   "5441497"   "Re34544").PN. OR ("5908415").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2010/01/14 20:54
S40	5	S39 and optical near (communication or network)	US-PGPUB; USPAT; USOOR	OR	OFF	2010/01/14 20:54
S41	29	("20020013555"   "20020094161"   "20020095169"   "20030181853"   "20040133231"   "20060009785"   "5151096"   "5207669"   "5337381"   "5344419"   "5363458"   "5429635"   "5431647"   "5632767"   "5871521"   "5908415"   "5946441"   "6004315"   "6270492"   "6361180"   "6361530"   "6364874"   "6418252"   "6565526"   "6576163"   "6663821"   "6740094"   "6754717"   "6829411").PN. OR ("7386203").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2010/01/14 20:55
S42	4135	scatter\$3 with core	US-PGPUB; USPAT; USOOR	OR	OFF	2010/01/14 20:56
S43	154	S42 same leak\$4	US-PGPUB; USPAT; USOOR	OR	OFF	2010/01/14 20:57

S44	61	S43 and (wanted or desirable)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 20:57
S45	5	S43 same (wanted or desirable)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 20:57
S46	0	S43 same optical near (communication or network)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 20:58
S47	36	S43 and optical near (communication or network)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 20:58
S48	177867	refractive near index	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:10
S49	2471	S48 and transmission near distance	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:10
S50	263	S48 same transmission near distance	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:10
S51	17	S50 and leakage	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:10
S52	3	S50 same leakage	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:11
S53	747	S48 with leakage	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:16
S54	60	S48 with transmission near distance	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:16
S55	1	S53 and S54	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:16
S56	168590	optical adj fiber	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:17
S58	346	S53 and S56	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:17
S59	85	S53 same S56	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:17

S60	35	S54 same S56	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:17
S61	39	S53 with S56	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:18
S62	75	(change or variation) with refractive near index with leakage	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:49
S63	55	(change or variation) near3 refractive near index with leakage	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:49
S64	3	S63 with fiber	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:50
S65	7	S63 same fiber	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:52
S66	58	(change or variation) near5 refractive near index with leakage	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:53
S67	37	S66 and fiber	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:53
S68	7	S66 same fiber	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:53
S69	147	(change or variation) near5 refractive near index with leak\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:54
S70	30	S69 same fiber	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 11:55
S71	2603	leakage with intensity	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 13:12
S72	1263	leakage near5 intensity	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 13:12
S73	41	S72 same fiber	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 13:12
S74	3	S73 same refractive adj index	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 13:13

S75	177867	refractive near index	US-PGPUB; USPAT; USOOR	OR	ON	2010/01/15 13:59
S76	60	S75 with transmission near distance	US-PGPUB; USPAT; USOOR	OR	ON	2010/01/15 13:59
S77	168590	optical adj fiber	US-PGPUB; USPAT; USOOR	OR	ON	2010/01/15 13:59
S78	35	S76 same S77	US-PGPUB; USPAT; USOOR	OR	ON	2010/01/15 13:59

**EAST Search History (Interference)**

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